The Fonds de recherche du Québec (FRQ)
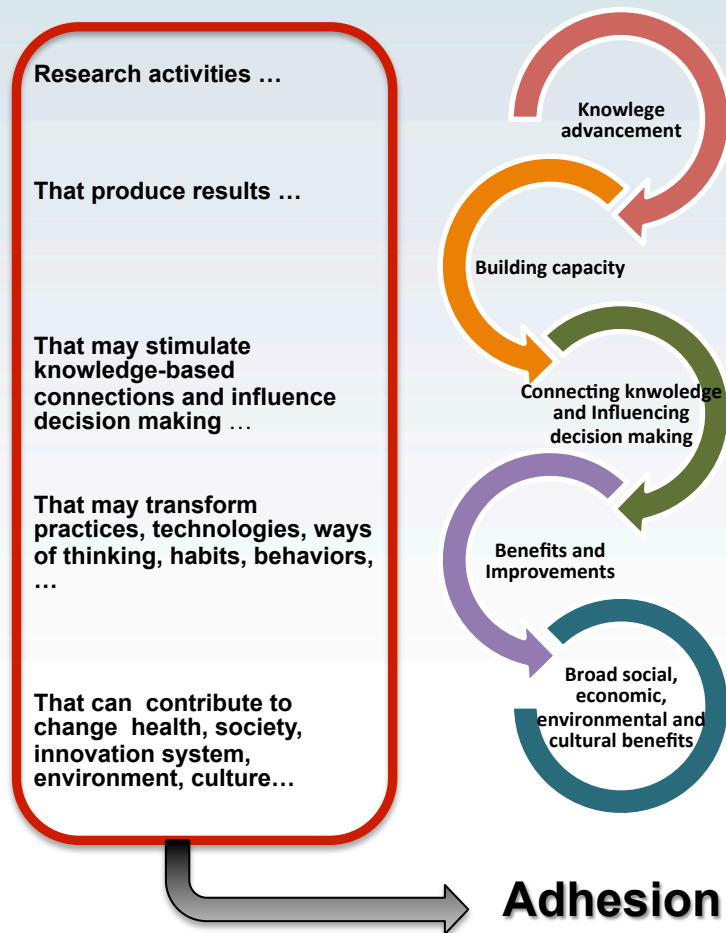
On July 1st 2011, Bill 130 created:

- Fonds de Recherche du Québec, regrouping 3 Funds: Nature & technologies, Santé, Société & culture
- Québec Chief Scientist Position

Aims:

- Increase competitiveness of Québec researchers
- Increase international impact
- Foster large intersectoral research programs
- Improve public science literacy
- Promote knowledge mobilization

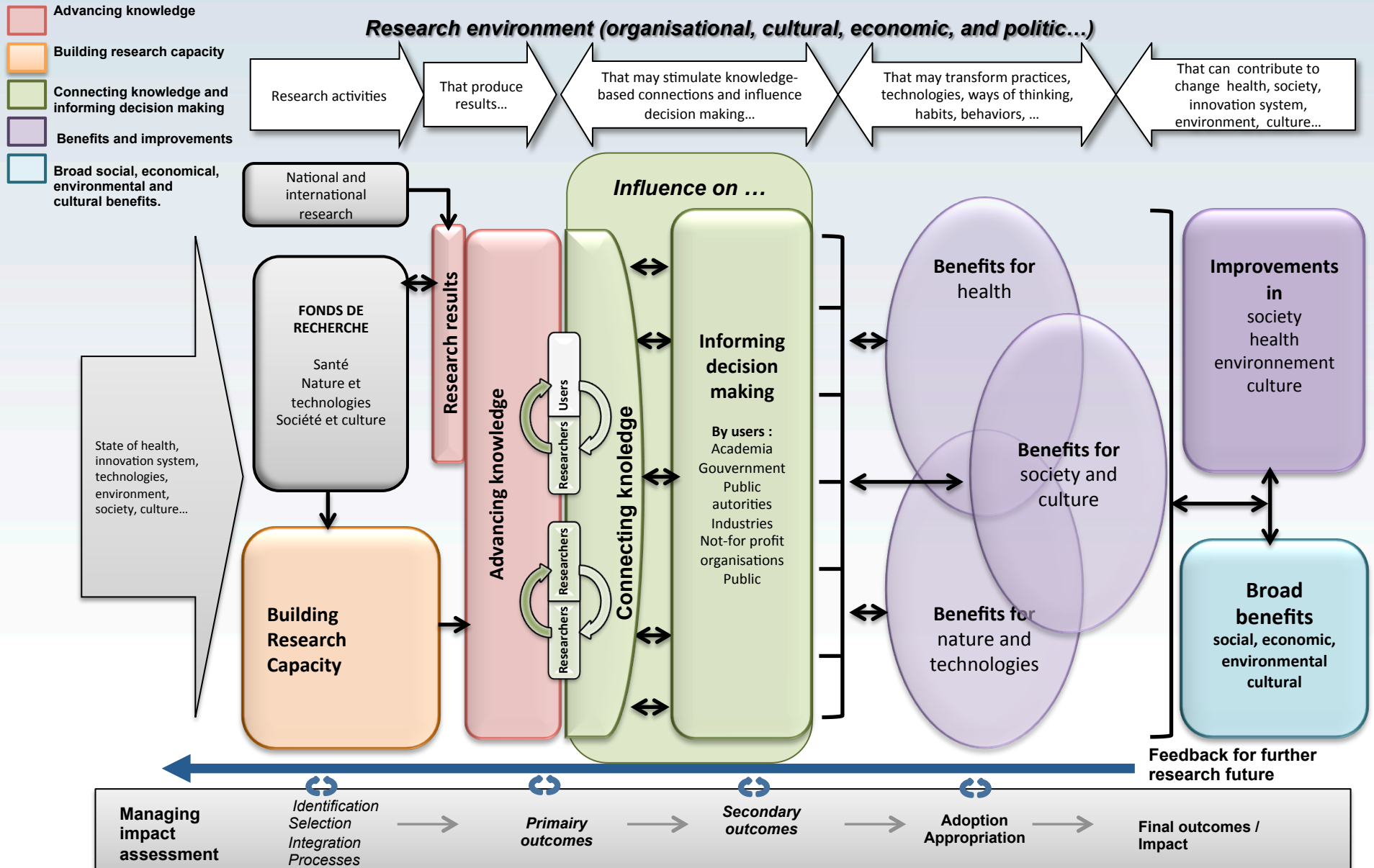# Objective: Better documentation of research outcomes and impact using a strategy to measure impact (SMI)

Follow the outcomes of funding, from research to impact

Research activities …

That produce results …

That may stimulate knowledge-based connections and influence decision making …

That may transform practices, technologies, ways of thinking, habits, behaviors, …

That can contribute to change health, society, innovation system, environment, culture…

Knowlege advancement

Building capacity

Connecting knwoledge and Influencing decision making

Benefits and Improvements

Broad social, economic, environmental and cultural benefits

SMI based on three complementary tools :

- An **impact framework** linking outcomes (and impact) to categories

- A **logic model**, the roadmap detailing how the FRQ realize their mandate

  ⇒ For the programs, the **logic models** serve as the roadmaps. It outlines the intended results (i.e. outcomes) of the program, the activities the program will undertake and the outputs it intends to produce in achieving the expected outcomes.

- An **impact management framework**, positionning the impact measurement activities and the key steps.

Adhesion of the FRQ to the CAHS framework logic

FRQ Impact Framework

Legend:
- Advancing knowledge
- Building research capacity
- Connecting knowledge and informing decision making
- Benefits and improvements
- Broad social, economical, environmental and cultural benefits.

Research environment (organisational, cultural, economic, and politic…)

Research activities → That produce results… → That may stimulate knowledge-based connections and influence decision making… → That may transform practices, technologies, ways of thinking, habits, behaviors, … → That can contribute to change health, society, innovation system, environment, culture…

National and international research

State of health, innovation system, technologies, environment, society, culture…

FONDS DE RECHERCHE
Santé
Nature et technologies
Société et culture

Research results

Advancing knowledge

Building Research Capacity

Users
Researchers
Researchers
Researchers

Connecting knoledge

Influence on …

Informing decision making

By users :
Academia
Gouvernment
Public autorities
Industries
Not-for profit organisations
Public

Benefits for health

Benefits for society and culture

Benefits for nature and technologies

Improvements in society health environnement culture

Broad benefits social, economic, environmental cultural

Feedback for further research future

Managing impact assessment

Identification Selection Integration Processes → *Primairy outcomes* → *Secondary outcomes* → Adoption Appropriation → Final outcomes / Impact

Dffusion de la recherche

Fonds de recherche du Québec

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Methodology to adapt CAHS framework

- Agreement on the logic of the framework

- Redefinition of each category

  - based on litterature, and consultations with experts, including sharing with Research Manitoba

- Testing the categories and subcategorization by a retrospective documentation of research outcomes of 3 programs (individual, team and partership grants), one from each sector

  - Qualitative analysis to classify research outcomes in the categories of the FRQ framework

  - Refinement of the framework

Lessons learned from the adaptation of the CAHS framework

- Adaptable, applicable to a wide range of programs: covers the broad range of outcomes and impact of all three sectors
    - ✓ Responds to the concerns expressed by the SSHAL and STEM sectors

- The FRQ framework offers a systematic approach to research impact assessment and allows to reach our objective of better impact measurement by adequate documentation of outcomes to the proposed categories:
    - ✓ Need of mutually exclusive dimensions and subcategories

- « *Work in progress* »: more documentation equals better subcategory definitions

- Importance of working with experts

Next steps

- Implementation of the categories in the data collection and informational systems:

  ✓ Logic models for the programs, improving reporting and data collection

- Diffusion of the FRQ impact framework to the research community to help and encourage researchers to better define the outcomes and the impact of their work

  ✓ Research impact « Tool kit » for the community

- Continue to refine the subcategorization

  ✓ Consultation of experts and the community, and benchmarking

Questions?

Québec ⚜⚜

Fonds de recherche – Nature et technologies
Fonds de recherche – Santé
Fonds de recherche – Société et culture

Fonds de recherche du Québec